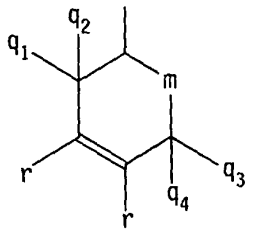
WHAT IS CLAIMED IS:

1. A packaging article, comprising:

an oxygen barrier layer comprising poly(ethylene vinyl alcohol) (EVOH),

an oxygen scavenging layer adjacent to the oxygen barrier layer, wherein the oxygen scavenging layer comprises an oxygen scavenging polymer comprising an ethylenic backbone and a cyclic olefinic pendant group having structure I:



(I)

wherein q_1, q_2, q_3, q_4, and r are independently selected from hydrogen, methyl, or ethyl; m is $-(CH_2)_n-$, wherein n is an integer from 0 to 4, inclusive, and, when r is hydrogen, at least one of q_1, q_2, q_3, and q_4 is also hydrogen; and,

a layer adjacent to the oxygen scavenging layer.

2. The packaging article of claim 1, wherein the oxygen scavenging polymer further comprises a linking group between the ethylenic backbone and the pendant group, wherein the linking group is selected from:

$-O-(CHR)_n-$; $-(C=O)-O-(CHR)_n-$; $-NH-(CHR)_n-$; $-O-(C=O)-(CHR)_n-$; $-(C=O)-NH-(CHR)_n-$; or $-(C=O)-O-CHOH-CH_2-O-$.

3. The packaging article of claim 1, further comprising a transition metal salt in the oxygen scavenging layer or a layer adjacent to the oxygen scavenging layer.

4. The packaging article of claim 3, wherein the transition metal is selected from cobalt, copper, nickel, iron, manganese, rhodium, or ruthenium.

5. The packaging article of claim 3, wherein the transition metal salt is cobalt oleate, cobalt stearate, or cobalt neodecanoate.

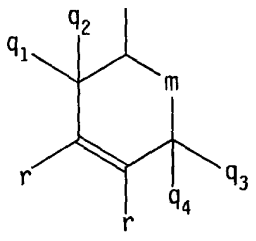
6. The packaging article of claim 1, further comprising a photoinitiator in the oxygen scavenging layer.

7. The packaging article of claim 1, further comprising an antioxidant in the oxygen scavenging layer.

8. The packaging article of claim 7, wherein the antioxidant is selected from 2,6-di(t-butyl)-4-methylphenol(BHT), 2,2'-methylene-bis(6-t-butyl-p-cresol), triphenylphosphite, tris-(nonylphenyl)phosphite, vitamin E, tetra-bismethylene 3-(3,5-ditertbutyl-4-hydroxyphenyl)-propionate methane, or dilaurylthiodipropionate.

9. The packaging article of claim 1, further comprising an oxygen scavenging layer not adjacent to an EVOH barrier layer.

10. The packaging article of claim 9, wherein the oxygen scavenging layer not adjacent to the EVOH barrier layer comprises an oxygen scavenging polymer comprising an ethylenic backbone and a cycloalkenyl group with structure I:



(I)

wherein q_1, q_2, q_3, q_4, and r are independently selected from hydrogen, methyl, or ethyl; m is $-(CH_2)_n-$, wherein n is an integer from 0 to 4, inclusive; and, when r is hydrogen, at least one of q_1, q_2, q_3, and q_4 is also hydrogen.

11. The packaging article of claim 10, wherein the oxygen scavenging polymer of the oxygen scavenging layer not adjacent to the EVOH barrier layer further comprises a linking group between the ethylenic backbone and the pendant group, wherein the linking group is selected from:

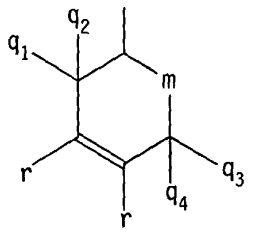
$-O-(CHR)_n-$; $-(C=O)-O-(CHR)_n-$; $-NH-(CHR)_n-$; $-O-(C=O)-(CHR)_n-$; $-(C=O)-NH-(CHR)_n-$; or $-(C=O)-O-CHOH-CH_2-O-$.

12. The packaging article of claim 1, wherein the packaging article is either flexible or rigid.

13. A method of forming a packaging article comprising an oxygen barrier layer comprising poly(ethylene vinyl alcohol) (EVOH), an oxygen scavenging layer adjacent to the EVOH oxygen barrier layer, and a layer adjacent to the oxygen scavenging layer, the method comprising:

providing an oxygen barrier composition comprising EVOH;

providing an oxygen scavenging composition comprising a polymer comprising an ethylenic backbone and a cyclic olefinic pendant group having structure I:



(I)

wherein q_1, q_2, q_3, q_4, and r are independently selected from hydrogen, methyl, or ethyl; m is $-(CH_2)_n-$, wherein n is an integer from 0 to 4, inclusive; and, when r is hydrogen, at least one of q_1, q_2, q_3, and q_4 is also hydrogen;

providing a third composition; and

forming the oxygen barrier composition into the EVOH oxygen barrier layer of the packaging article, the oxygen scavenging composition into the oxygen scavenging layer of the packaging article, and the third composition into the layer of the packaging article adjacent to the oxygen scavenging layer.

14. The method of claim 13, wherein the oxygen scavenging polymer further comprises a linking group between the ethylenic backbone and the pendant group, wherein the linking group is selected from:

$-O-(CHR)_n-$; $-(C=O)-O-(CHR)_n-$; $-NH-(CHR)_n-$; $-O-(C=O)-(CHR)_n-$; $-(C=O)-NH-(CHR)_n-$; or $-(C=O)-O-CHOH-CH_2-O-$.

15. The method of claim 13, wherein the forming step comprises forming a transition metal salt into the oxygen scavenging layer or a layer adjacent to the oxygen scavenging layer of the packaging article.

16. The method of claim 13, wherein the oxygen scavenging layer further comprises a photoinitiator.

17. The method of claim 13, wherein the oxygen scavenging layer further comprises an antioxidant.

18. The method of claim 13, wherein the forming step further comprises forming an oxygen scavenging layer in the packaging article, wherein the oxygen scavenging layer is not adjacent to an EVOH oxygen barrier layer.

19. The method of claim 13, wherein the forming step further comprises forming the packaging article as a flexible article or a rigid article.